

WHAT IS CLAIM IS:

1. Rubber process oil in which the content of polycyclic aromatics as determined by the IP346 method is less than 3% by mass, the aniline point is 80°C or less, and the %C_A value as determined by ring analysis according to the Kurtz method is from 20 to 50%.

2. The rubber process oil as set forth in claim 1, wherein the %C_A value by ring analysis according to the Kurtz method is within a range from 25 to 45%.

3. The rubber process oil as set forth in claim 1, wherein the content of polycyclic aromatics having 3 or more rings is less than 2% by mass, and the total acid value is less than 0.04 mg KOH/g.

4. The rubber process oil as set forth in claim 3, wherein the %C_A value by ring analysis according to the Kurtz method is within a range from 25 to 45%.